

AMP-LATCH

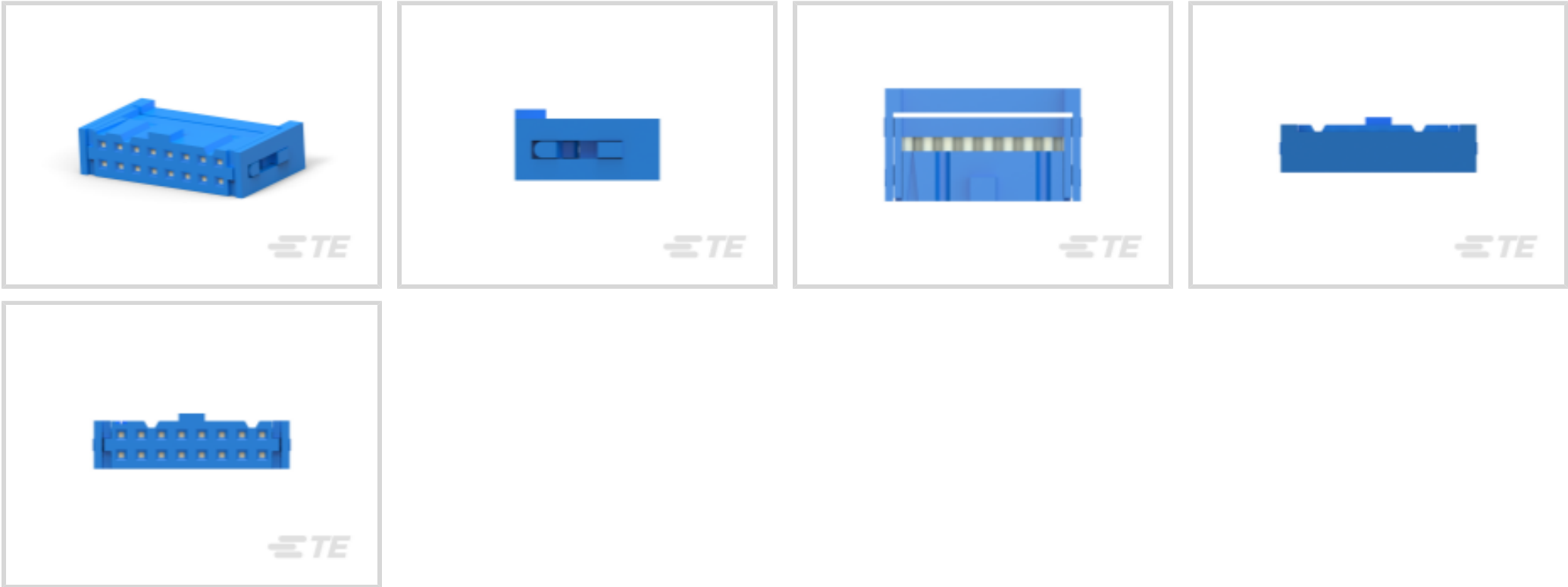
TE Internal #: 2-1658526-9

Wire-to-Board, 16 Position, 2.54 mm [.1 in] Centerline, 2 Row,
Receptacle, Wire & Cable, Signal, Cable Mount (Free-Hanging),
Ribbon Cable Connectors

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Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors



Connector System: **Wire-to-Board**
Number of Positions: **16**
Centerline (Pitch): **2.54 mm [.1 in]**
Row-to-Row Spacing: **2.54 mm [.1 in]**
Number of Rows: **2**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	16
Number of Rows	2

Body Features

Primary Product Color	Blue
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Contact Features

Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Thickness	2.54 – 5.08 µm[100 – 200 µin]
	30 µin
Wire Contact Termination Area Plating Material	Tin



Contact Current Rating (Max)	1 A
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Termination Features

Rectangular Termination Post & Tail Width	.46 mm[.018 in]
Rectangular Termination Post & Tail Thickness	.36 mm[.014 in]
Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

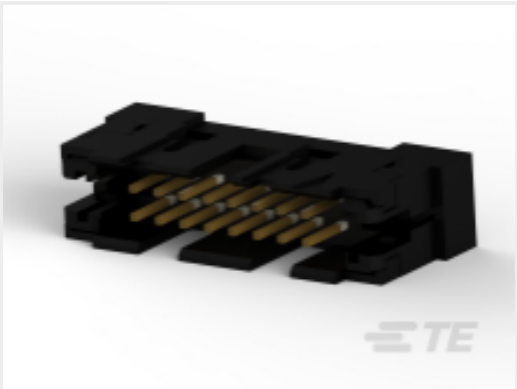
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as



EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

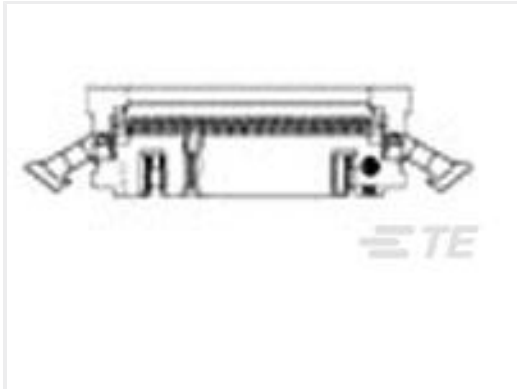
Compatible Parts



TE Part # 1-111446-6
16 UNIV I/O, NO EARS, LEAD FREE



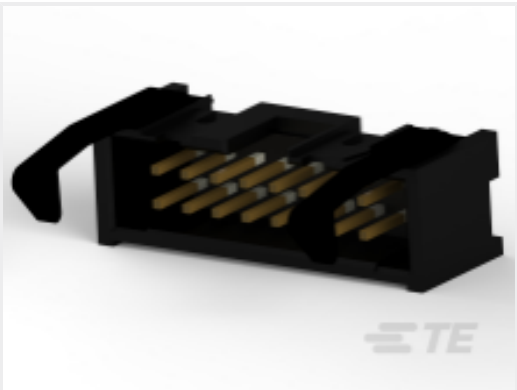
TE Part # 2-1761713-6
IDC LOW PRO HDR 16P VERT SHT L



TE Part # 1-111504-6
016 UNIV I/O 30DP NO EARS LTCH



TE Part # 2-1761607-6
IDC LOW PRO HDR 16P RA LAT



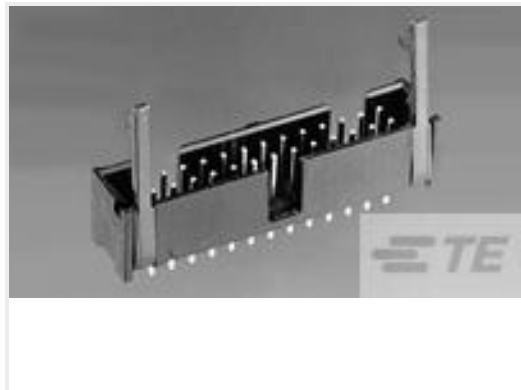
TE Part # 1761606-6
IDC LOW PRO HDR 16P VERT LAT BLK



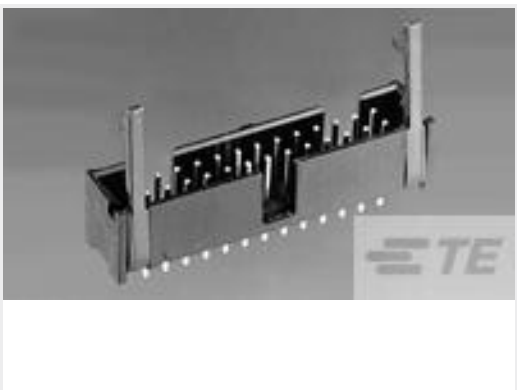
TE Part # 1761681-6
IDC LOW PRO HDR 16P VERT HT BLACK



TE Part # 2-1761606-6
IDC LOW PRO HDR 16P VERT LAT BLUE



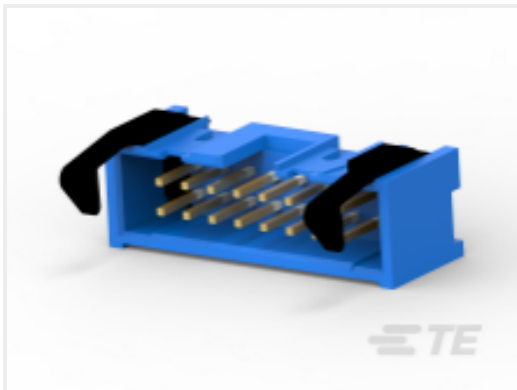
TE Part # 1761609-6
IDC LOW PRO HDR 16P RA SHT LAT



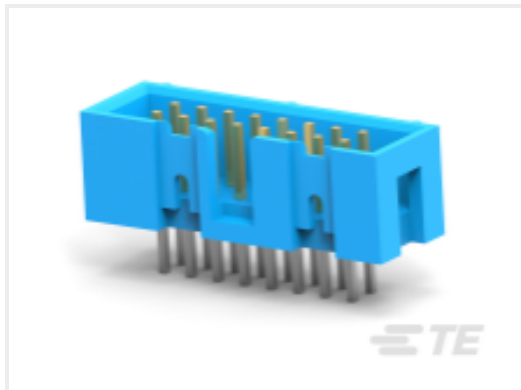
TE Part # 2-1761714-6
IDC LOW PRO HDR 16P RA SHT LAT



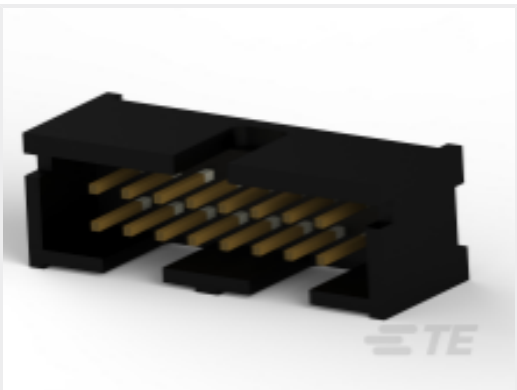
TE Part # 1761607-6
IDC LOW PRO HDR 16P RA LAT BLK



TE Part # 2-1761608-6
IDC LOW PRO HDR 16P VERT SHT L



TE Part # 2-1761679-6
IDC LOW PRO HDR 16P VERT BLUE



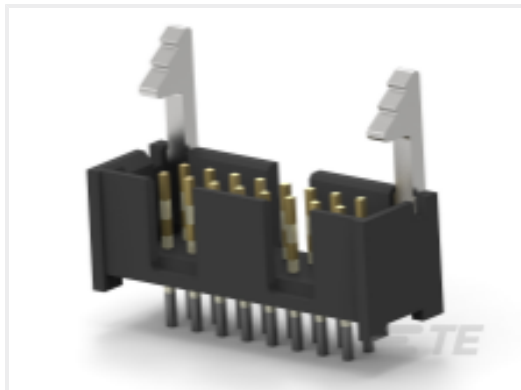
TE Part # 5103309-3
A/L LOW PRO HDR 16P VERT BLACK



TE Part # 5104340-3
A/L LOW PRO HDR 16P RA HT GRAY



TE Part # 1761682-6
IDC LOW PRO HDR 16P RA HT BLACK



TE Part # 104313-3
016 LOPRO HDR SP 30DP LATCH



TE Part # 1761608-6
IDC LOW PRO HDR 16P VERT SHT
LAT BLK

TE Part # 1-111506-8
016 UNIV I/O 30DP SLOT LTCH

TE Part # 1761686-6
IDC LOW PRO HDR 16P VERT LAT

TE Part # 5103311-3
A/L LOW PRO HDR 16P RA BLACK

Customers Also Bought

TE Part #2-1658526-3
609-5030LF FEM SOCKT,LEAD FREE

TE Part #3-1761606-5
IDC LOW PRO HDR 50P VERT LA

TE Part #249315-000
202D211-3/180-0

TE Part #2-2176280-2
CPF 0402 174K 0.1% 25PPM 1K RL

TE Part #254960-E
STVE 160 F ABCDE VVVV 7-00 EEUE
17,0 *

TE Part #443975-1
AMPLIMITE,RCPT ASY,POSTD,109,1

TE Part #806995-000
202D121-3/86-0

TE Part #080-0001
CABLE,U.FL to SMA Bulkhd 1.13mm
Dia,105m

TE Part #3-519627-0
FFC-ANVIL

TE Part #214017-E
SRCP 1,27 4 M 1 SMD 137 E1 094 * GU-
H KL

Documents

- CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1658526-9_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1658526-9_C.3d_igs.zip

English



Customer View Model

[ENG_CVM_CVM_2-1658526-9_C.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Ribbon Cable Interconnect Solutions](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English